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Food Systems and Climate Change mini-lecture

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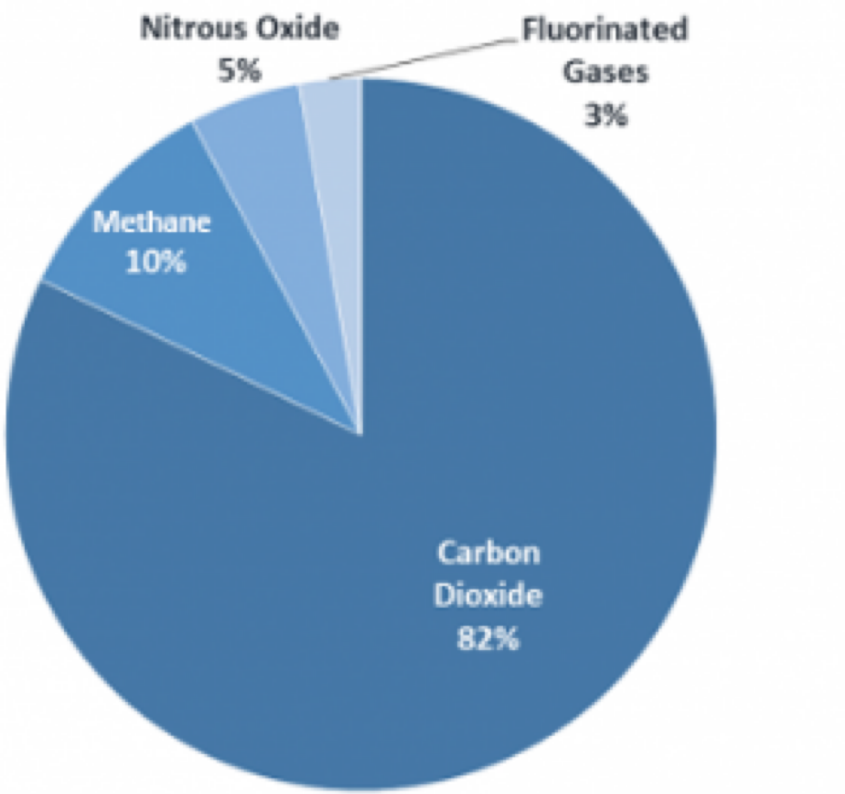
Linking Food Systems and Climate Change

Connecting Pollan and Shiva

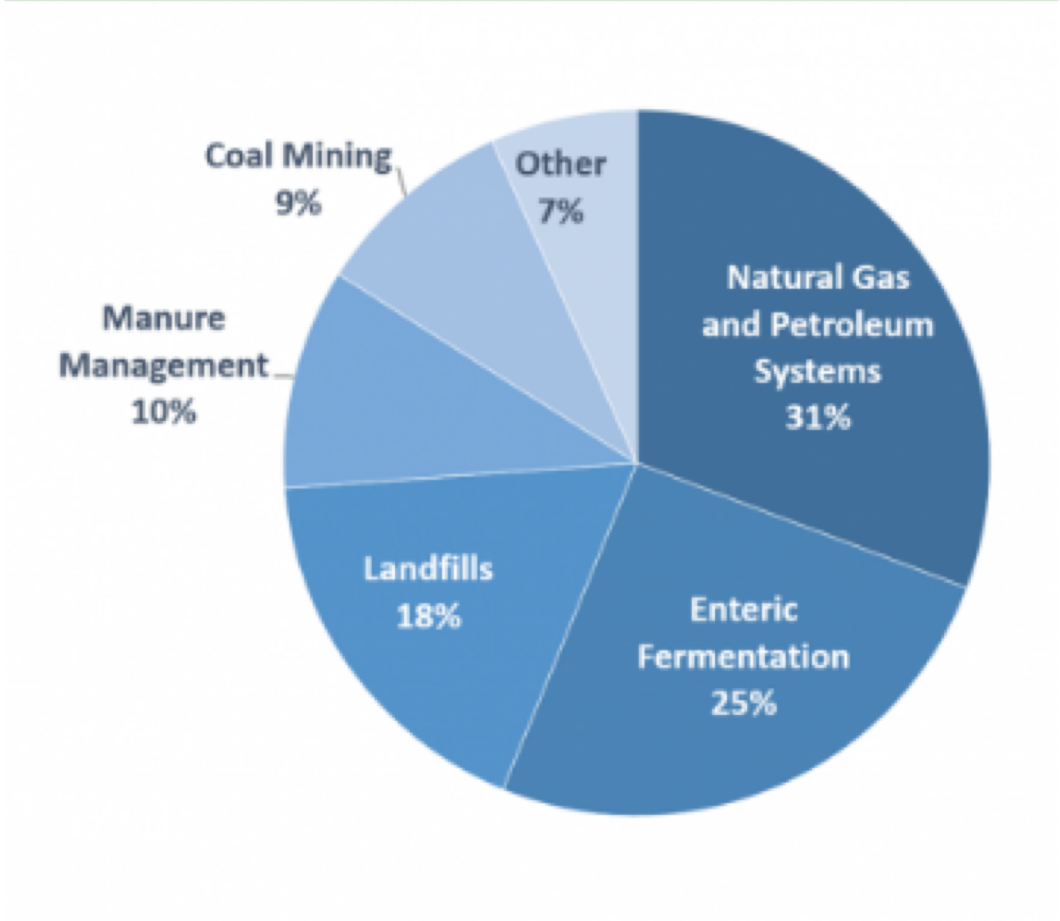
- Industrial agriculture's reliance on oil
- Beef industry's contribution to greenhouse gases
- Big Organic's reliance on shipping (i.e. food miles)

U.S. Greenhouse Gas Emissions in 2015



Total Emissions in 2015 = 6,587 Million Metric Tons of CO_2 equivalent.

2015 U.S. Methane Emissions, By Source



Note: All emission estimates from the Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2015.

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The Feedlot

Enteric fermentation is the process in which livestock produce methane via digestion.